

# IAPMO IGC 360-2022



*Industry Standard for*  
**Compression Fittings for Water Supply  
and Gas Piping Applications**



# ***IAPMO Standard***

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# Preface

This is the fifth edition of IAPMO IGC 360, Compression Fittings for Water Supply and Gas Piping Applications. This Standard supersedes IAPMO IGC 360-2020a, Compression Fittings for Supply and Gas Piping Applications. The previous editions of this standard are August 2019, October 2019, January 2020, March 2020.

This Standard was developed by the IAPMO Standards Review Committee (SRC) in accordance with the policies and procedures regulating IAPMO industry standards development, Policy S-001, Standards Development Process. This Standard was approved as an IAPMO Industry Standard on July 11, 2022.

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  - (b) *relevant section, table, or figure number, as applicable;*
  - (c) *wording of the proposed change, tracking the changes between the original and the proposed wording;*  
*and*
  - (d) *rationale for the change.*
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  - (a) *the edition of the standard for which the interpretation is being requested;*
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  - (c) *an explanation of circumstances surrounding the actual field conditions; and*
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# IAPMO IGC 360-2022

## Compression Fittings for Water Supply and Gas Piping Applications

### 1 Scope

#### 1.1 General

**1.1.1** This Standard covers compression fittings intended for water supply and exposed above ground gas distribution in residential, commercial, industry applications and specifies requirements for materials, physical characteristics, performance testing, and markings.

**1.1.2** This standard applies to compression fittings which can be used with one or more the following materials:

- (a) Copper tubing Type K, L and M complying with ASTM B88.
- (b) Galvanized Pipe complying with ASTM A53/A53M
- (c) Stainless Steel Pipe complying with ASTM A312/A312M

**1.1.3** Tubes or pipes used in these fittings shall not exceed 50 DN (NPS-2) in outer diameter.

#### 1.2 Alternative Materials

The requirements of this Standard are not intended to prevent the use of alternative materials or methods of construction provided that such alternatives meet the intent and requirements of this Standard.

#### 1.3 Terminology

In this Standard:

- (a) "Shall" is used to express a requirement, i.e., a provision that the user is obliged to satisfy to comply with the Standard
- (b) "Should" is used to express a recommendation, but not a requirement
- (c) "May" is used to express an option or something permissible within the scope of the Standard
- (d) "Can" is used to express a possibility or a capability.

Notes accompanying sections of the Standard do not specify requirements or alternative requirements; their purpose is to separate explanatory or informative material from the text. Notes to tables and figures are considered part of the table or figure and can be written as requirements.